

Claims

What is claimed is:

1. A device for closing an opening formed in a vessel, the device comprising:
an anchor deployable within a blood vessel lumen;
at least one barb member having an undeployed position and a deployed position, wherein the barb member is moved to the deployed position when tension is applied to the device; and
a body member extending between the anchor and the barb member.
2. The device of Claim 1, the device further comprising:
a plug disposed on the body member.
3. The device of Claim 1, wherein in the undeployed position the device is generally planar.
4. The device of Claim 1, wherein the device further includes an aperture formed adjacent to the barb member.
5. The device of Claim 4, the device further including a suture disposed through said aperture.
6. The device of Claim 1, wherein the device is constructed of a bioabsorbable material.
7. The device of Claim 1, wherein the device is constructed of a material chosen from the group consisting of: stainless steel, titanium, nitinol, plastic and ceramic.
8. The device of Claim 1, wherein the device is manufactured from sheet material.

9. The device of Claim 1, further including a biocompatible coating disposed thereon.
10. A device for closing an opening formed in a vessel or artery, the device comprising:
an anchor portion;
an arm; and
at least one barb member in association with said arm.
11. The device of Claim 10, wherein the arm is movable between a first and second position, wherein in said first position of said arm is generally planar with said anchor portion.
12. The device of Claim 11, wherein said second position of said arm forms an angle between said anchor portion and said arm.
13. The device of Claim 12, wherein said arm is movable between said first and second position through the application of a force to a distal end of said arm.
14. The device of Claim 13, wherein said barb member moves from a first position to a second position in response to said force.
15. The device of Claim 14, further including a sealing member in association with said anchor member.
16. The device of Claim 1, wherein the barb member in the deployed position has a greater width than in the first position.

17. The device of Claim 14, wherein said barb member becomes wider between said first and second positions.
18. A barbed closure device, the barbed closure device comprising:
a main body having a generally cylindrical shape; and
at least one barbed member, wherein said barb member is radially movable between a first and second position.
19. The barbed closure device of Claim 18, further including a plug disposed within an aperture formed axially within the main body.
20. The barbed closure device of Claim 19, wherein said plug is movable between a first and second position and configured to move said barb member between said first and second position.